IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Samuel I. Stupp et al.

Title: COMPOSITION AND METHOD FOR SELF-ASSEMBLY

MINERALIZATION OF PEPTIDE AMPHIPHILES

Appl. No.: 10/534,097

Filing Date: November 8, 2005

Examiner: Samuel Liu

Art Unit: 1656

Confirmation No.: 2444

Atty Docket No.: NANO106US2 (NU 22088)

Honorable Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION MAILED JUNE 19, 2008

Dear Sir:

In response to the Office Action mailed June 19, 2008, please enter the following amendments and remarks:

Amendments to the claims are reflected in this listing of the claims which begins on page 2 of this paper; and

Remarks begin on page 4 of this paper.